

East JmH

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5277	(455/562.1,112,137,132,73,561,108,102,103,226.1,226.2,226.3,189). CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/14 09:27
S2	1	("20050245284").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/14 09:35
S3	8689	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output)))	US-PGPUB; USPAT	OR	ON	2005/11/15 14:17
S4	139	S1 and S3	US-PGPUB; USPAT	OR	ON	2005/11/14 09:29
S5	4	(antenna same weight same eigenvalue) and S4	US-PGPUB; USPAT	OR	ON	2005/11/15 14:07
S6	1	(antenna same weight same directivity) and S4	US-PGPUB; USPAT	OR	ON	2005/11/14 09:33
S7	8	((antenna with radio) same (weight near control\$5)) same (array with antenna) same (direction or directivity)	US-PGPUB; USPAT	OR	ON	2005/11/14 10:11
S8	4	S1 and S7	US-PGPUB; USPAT	OR	ON	2005/11/14 10:10
S9	3	S8 not S5	US-PGPUB; USPAT	OR	ON	2005/11/14 09:44
S10	31	((antenna near2 (element or unit)) same ((direction or directivity) with (weight near2 control\$5))) and (array adj2 antenna)	US-PGPUB; USPAT	OR	ON	2005/11/15 14:23
S11	1	((weight near2 control\$4) with (eigenvalue with matrix)) same (characteristics or values)	US-PGPUB; USPAT	OR	ON	2005/11/14 09:49
S12	1	((weight near2 control\$4) with (eigenvalue same matrix)) same (characteristics or values)	US-PGPUB; USPAT	OR	ON	2005/11/14 09:49
S13	5353	((weight near2 control\$4) ssame (eigenvalue same matrix)) same (characteristics or values)	US-PGPUB; USPAT	OR	ON	2005/11/14 09:49
S14	3	((weight near2 control\$4) same (eigenvalue same matrix)) same (characteristics or values)	US-PGPUB; USPAT	OR	ON	2005/11/14 09:52
S15	1	(matrix same characteristics) same channel	US-PGPUB; USPAT	OR	ON	2005/11/14 09:54
S16	4	(matrix same characteristics)	US-PGPUB; USPAT	OR	ON	2005/11/14 09:54
S17	44354	(matrix same characteristic)	US-PGPUB; USPAT	OR	ON	2005/11/14 09:54
S18	2033	(matrix same characteristic) same channel	US-PGPUB; USPAT	OR	ON	2005/11/14 09:55

S19	4	(conjugate and product) same matix	US-PGPUB; USPAT	OR	ON	2005/11/14 09:55
S20	1450	(conjugate and product) same matrix	US-PGPUB; USPAT	OR	ON	2005/11/14 09:55
S21	399	S17 and S20	US-PGPUB; USPAT	OR	ON	2005/11/14 09:55
S22	40	S21 and S13	US-PGPUB; USPAT	OR	ON	2005/11/14 09:55
S23	4	S22 and S1	US-PGPUB; USPAT	OR	ON	2005/11/14 09:55
S24	1088	(455/562.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:14
S25	60	(MIMO) and S24	US-PGPUB; USPAT	OR	ON	2005/11/15 11:15
S26	17	(antenna with (comprise or are or consist) with (adaptive adj array))	US-PGPUB; USPAT	OR	ON	2005/11/15 11:16
S27	0	S25 and S26	US-PGPUB; USPAT	OR	ON	2005/11/15 11:15
S28	2	S24 and S26	US-PGPUB; USPAT	OR	ON	2005/11/15 11:16
S29	1	(antenna adj5 (comprise or are or consist) adj5 (adaptive adj array))	US-PGPUB; USPAT	OR	ON	2005/11/15 11:17
S30	0	"plurality of antennas comprise an adaptive array"	US-PGPUB; USPAT	OR	ON	2005/11/15 11:17
S31	0	"antennas comprise an adaptive array"	US-PGPUB; USPAT	OR	ON	2005/11/15 11:18
S32	3417	antenna adj5 (array adj antenna)	US-PGPUB; USPAT	OR	ON	2005/11/15 11:18
S33	258	S24 and S32	US-PGPUB; USPAT	OR	ON	2005/11/15 11:18
S34	16	S33 and S25	US-PGPUB; USPAT	OR	ON	2005/11/15 11:22
S35	50	((plurality or multiple) adj2 antenna) adj5 (adaptive adj array)	US-PGPUB; USPAT	OR	ON	2005/11/15 11:23
S36	6	S24 and S35	US-PGPUB; USPAT	OR	ON	2005/11/15 11:23
S37	5282	(455/562.1,112,137,132,73,561,108,102,103,226.1,226.2,226.3,189). CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:24
S38	3	(S35 and S37) not S36	US-PGPUB; USPAT	OR	ON	2005/11/15 11:25
S39	0	(directivity with weight) and S38	US-PGPUB; USPAT	OR	ON	2005/11/15 11:25
S40	60	(directivity with weight) and S37	US-PGPUB; USPAT	OR	ON	2005/11/15 11:25

S41	23	((directivity with weight) same (adaptive adj array)) and S37	US-PGPUB; USPAT	OR	ON	2005/11/15 11:26
S42	53	((inverse with calculat\$5) with matrix) same eigenvalue	US-PGPUB; USPAT	OR	ON	2005/11/15 14:38
S43	1	S42 and S37	US-PGPUB; USPAT	OR	ON	2005/11/15 11:26
S44	69851	("455").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:27
S45	5	S42 and S44	US-PGPUB; USPAT	OR	ON	2005/11/15 11:29
S46	13	((adjust\$3 or modif\$6) with directi\$5) same (inverse with matrix)	US-PGPUB; USPAT	OR	ON	2005/11/15 11:29
S47	4	S44 and S46	US-PGPUB; USPAT	OR	ON	2005/11/15 11:33
S48	2	((inverse adj2 calculat\$4) with (matrix or matrices)) same (range with (eigenvalue or eigenvector))	US-PGPUB; USPAT	OR	ON	2005/11/15 11:34
S49	1000	(455/63.4,562.2,452.2,504-506). CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 14:00
S50	30	(beamforming) and S49	US-PGPUB; USPAT	OR	ON	2005/11/15 14:01
S51	3	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output))) and S50	US-PGPUB; USPAT	OR	ON	2005/11/15 14:03
S52	73	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output))) same (beamforming)	US-PGPUB; USPAT	OR	ON	2005/11/15 14:05
S53	20	((plurality or multiple) adj2 antenna) same S52	US-PGPUB; USPAT	OR	ON	2005/11/15 14:04
S54	0	((((plurality or multiple) adj2 antenna) adj5 (adaptive adj array)) same S52	US-PGPUB; USPAT	OR	ON	2005/11/15 14:06
S55	1	(adaptive adj array) same S52	US-PGPUB; USPAT	OR	ON	2005/11/15 14:04
S56	13629	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output))) adn (beamforming)	US-PGPUB; USPAT	OR	ON	2005/11/15 14:05
S57	175	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output))) and (beamforming)	US-PGPUB; USPAT	OR	ON	2005/11/15 14:06
S58	280	((plurality or multiple) adj2 antenna) same (beamforming)	US-PGPUB; USPAT	OR	ON	2005/11/15 14:06

S59	2	((plurality or multiple) adj2 antenna) adj5 (adaptive adj array)) same beamforming	US-PGPUB; USPAT	OR	ON	2005/11/15 14:06
S60	9193	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:07
S61	22	(antenna same weight same eigenvalue) and S60	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:07
S62	16	(MIMO or "multiple-input-multiple-output" or (multiple near3 (input with output))) and S49	US-PGPUB; USPAT	OR	ON	2005/11/15 14:17
S63	42	((antenna near2 (element or unit)) same ((direction or directivity) with (weight near2 control\$5))) and (array adj2 antenna)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:39
S64	54	((inverse with calculat\$5) with matrix) same eigenvalue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:42
S65	0	S62 and S64	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:39
S66	0	S64 and S49	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:39
S67	9	(antenna near2 (element or unit)) and S64	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:40
S68	7	((inverse with calculat\$5) with matrix) same beamforming	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:45
S69	6	eigenvalue with average with range	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/15 14:45

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Interference Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((MIMO or (multiple adj input adj multiple adj output)) and (antenna) and (adaptive adj array) and (directivity or beamform\$3) and weight and control\$4 and eigenvalue and (matrix or matrices) and (Hermitian or (conjugate near transpose)) and inverse and calculat\$4).CLM.	US-PGPUB; USPAT	OR	ON	2005/11/19 08:23
L2	0	((MIMO or (multiple adj input adj multiple adj output)) and (antenna) and (adaptive adj array) and (directivity or beamform\$3) and weight and control\$4 and eigenvalue and (matrix or matrices) and (Hermitian or (conjugate near transpose)) and inverse and calculat\$4).CLM.	US-PGPUB	OR	ON	2005/11/19 08:23
L3	0	((antenna) and (adaptive adj array) and (directivity or beamform\$3) and weight and control\$4 and eigenvalue and (matrix or matrices) and (Hermitian or (conjugate near transpose)) and inverse and calculat\$4).CLM.	US-PGPUB	OR	ON	2005/11/19 08:23